

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/018234

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08K3/04 C08K3/34 H01B1/24 H01B3/44

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01B C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	EP 1 052 654 A (UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION) 15 November 2000 (2000-11-15) No modification of nanoparticles. paragraphs '0006! - '0008!, '0013!, '0021!, '0024!, '0025!, '0027! examples 3,4 -----	1-32
Y	US 6 492 453 B1 (EBRAHIMIAN SHAHZAD ET AL) 10 December 2002 (2002-12-10) Composition comprising ethylenic copolymer (incl. EVA, EEA, EMA a.o.), filler (incl. carbon black a.o.) and hydrophobically enhanced nanoclay filler. Application is a selection from this document. column 2, line 19 - line 46 column 3, line 21 - column 4, line 10 -----	1-32

☐ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

### \* Special categories of cited documents

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

09/02/2005

Name and mailing address of the ISA

European Patent Office, P B 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax (+31-70) 340-3016

Authorized officer

Stinchcombe, J

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			DE 60007914 D1	04-03-2004
			DE 60007914 T2	23-12-2004
			EP 1052654 A1	15-11-2000
			JP 2000357419 A	26-12-2000
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US 6492453	B1	10-12-2002	DE 10124755 A1	11-04-2002
			GB 2367064 A	27-03-2002
			US 2003125439 A1	03-07-2003
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